

URANOS 1800 RC

Welding process

- MMA(Electrode)
- TIG DC Lift start

Materials

- Carbon steels
- Stainlesssteels
- Castirons
- Aluminum and aluminum alloys

Applications

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Buildingsites
- Shipyards
- Plantsmachinery construction
- Oilrefinery plants construction
- Repair and overhaul
- Repair and overhaul
- Handicraftworking
- Chassis
- Building
- Plumbing
- Installers
- Blacksmiths
- Electricians
- Tinsmiths



Technical features

- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and environmental conditions, high service life
- Reduced dimensions and compact construction
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- High temperature, shockproof, abrasion resistant plastic case
- Airflow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Excellent performances also with long power supply extension cables
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- Remote control compatible
- Current socket (panel) 50/70 mm²

Power source

			P	X%	P.F.	I₂	U₀	IP	mm l x w x h	kg
URANOS 1800 RC	1x230V MMA	16A	5,4kVA 5,4kW	40°C 35% 170A 40°C 60% 150A 40°C 100% 120A 25°C 70% 170A 25°C 100% 150A	1,00	3-170A	80V	23S	410x150x330mm	9,0kg
	1x230V TIG	16A	5,4kVA 5,4kW	40°C 35% 180A 40°C 60% 160A 40°C 100% 140A 25°C 70% 180A 25°C 100% 160A	1,00	3-180A	80V	23S	410x150x330mm	9,0kg
	1x115V MMA	20A	5,4kVA 5,4kW	40°C 30% 110A 40°C 60% 95A 40°C 100% 80A 25°C 60% 110A 25°C 100% 95A	1,00	3-110A	80V	23S	410x150x330mm	9,0kg
	1x115V TIG	20A	5,4kVA 5,4kW	40°C 30% 140A 40°C 60% 120A 40°C 100% 105A 25°C 70% 140A 25°C 100% 130A	1,00	3-140A	80V	23S	410x150x330mm	9,0kg

